

Department of Environmental Quality
Air Quality Control Division

AIR CONTAMINANT DISCHARGE PERMIT APPLICATION REVIEW REPORT

Owens-Corning Fiberglas Corp.
Old Portland Road
St. Helens, OR 97051

Background

1. Owens-Corning Fiberglas operates a building board mill located on Old Portland Road in St. Helens.
2. The annual production capacity is approximately 150 million ft² of insulation board.
3. Existing visible and particulate emission sources at the facility consist of the following:

Material transfer points
Perlite expansion furnace
Three boilers
One board drying oven
4. The emission control system includes five baghouses and three wet collectors.
5. The estimated annual rate of air contaminant emissions is 21.66 tons of particulate.
6. The plant is operated 24 hours per day, 7 days per week, and 52 weeks per year.
7. Estimated annual fuel consumption consists of the following:
 - a. 2.9 million therms natural gas.

Evaluation

8. Operation of the facility in compliance with Department of Environmental Quality emission limitations will be verified by the Department.
9. The proposed permit is a modification of an existing Air Contaminant Discharge Permit.

Recommendation

10. It is recommended that the proposed permit be approved for issuance to Owens-Corning Fiberglas Corp.

P05208.5R (1) (a)

